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BOWDON URBAN DISTRICT COUNCIL.

ANNUAL REPORTS

of the

MEDICAL OFFICER OF HEALTH



and

PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1959

BONDON URBAN DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

Councillor	F. Seatree (Chairman).
"	J.L. Addleshaw.
"	J.H. Ashworth.
"	M.G. Bird.
"	W.L.E. Egerton-Smith
"	T. Gray Hill.
"	J.B. Humphreys.
"	K.V.M. Irvine (Mrs. )
"	H.C. Irvine.
"	A.D. Johnson.
"	T.H. Ormson.
"	W.J. Warrington.

OFFICIALS

D. Longbottom, M.B., Ch.B., D.P.H.

Medical Officer of Health.

G. Rothwell, A.M.I.P.H.E., M.A.P.H.I.

Public Health Inspector and Surveyor.

PART 1.

GENERAL STATISTICS.

Area of District .....	1090 acres.
Average Height above sea level .....	220 feet.
Registrar General's mid-year estimate of population .....	4,040.
Number of inhabited houses (end of 1959) per rate book ...	1281
Rateable Value .....	£62,769
Sum represented by a penny rate .....	£250.

VITAL STATISTICS.

Live Births

Number	57.0
Rate per 1000 population	14.1
Comparability Factor	0.90
Standardised Birth Rate	12.7
Illegitimate Live Births per cent of total live births	7.0%
Stillbirths	

Number	1.0
Rate per 1000 total live and still births	17.2

Total Live and Still Births	58.
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Infant Deaths (deaths under 1 year)	2.
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Infant Mortality Rates	
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Total infant deaths per 1000 total live births	35.1
Legitimate " " " legitimate live births	18.9

Illegitimate" " " illegitimate " "	250.0
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Neo-natal Mortality Rate (deaths under 4 weeks per 1000 total live births)	35.1
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Early Neo-natal Mortality Rate (deaths under 1 week per 1000 total live births)	35.1
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Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1000 total live and still births)	51.7
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Maternal Mortality (including abortion)	
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Number of deaths	Nil
Rate per 1000 total live and still births	Nil

Total Deaths	75
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Crude Death Rate per 1,000 population	18.56
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Comparability factor	0.82
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Standardised Death Rate	15.21
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Deaths from Cancer	11
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Deaths from Tuberculosis	Nil
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The population figures given are for home population and the birth and death rates are based on this figure. The standardised rates are arrived at after allowing for the age and sex distribution of the population, giving a more fair comparison with those of other areas.

The social conditions are good. The district is almost entirely residential and there is virtually no industry.

PART II TABLES  
INFANT MORTALITY

TABLE I

LIVE BIRTHS.

	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Totals</u>	<u>1958.</u>
Males	25	3	28	25
Females	28	1	29	21
	53	4	57	46

TABLE II

STILL BIRTHS.

	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Totals</u>	<u>1958.</u>
Males	-	-	-	-
Females	1	-	1	-
	1	-	1	-

TABLE III

DEATHS OF INFANTS UNDER 1 YEAR OF AGE.

	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Totals</u>	<u>1958.</u>
Males	1	1	2	-
Females	-	-	-	1
	1	1	2	1

TABLE IV

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE

	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Totals</u>	<u>1958.</u>
Males	1	1	2	-
Females	--	--	-	-
	1	1	2	-

TABLE V

<u>Notifiable Disease</u>	<u>Number of Cases Notified 1959.</u>
Scarlet Fever	0
Whooping Cough	2
Diphtheria (including Membranous Group)	0
Measles (excluding Rubella)	64
Acute Pneumonia (Primary or Influenzal)	3
Meningococcal Infection	0
Acute Poliomyelitis -	
Paralytic	0
Non-Paralytic	0

<u>Notifiable Disease</u>	<u>Number of Cases Notified 1959.</u>
Acute Encephalitis -	
Infective	0
Post Infectious	0
Dysentery	0
Ophthalmia Neonatorum	0
Puerperal Pyrexia	0
Smallpox	0
Paratyphoid Fevers	0
Enteric or Typhoid Fever (Exc. Paratyphoid)	0
Food Poisoning (Exc. dysentery, typhoid and paratyphoid Fevers)	0
Tuberculosis -	
Respiratory	0
Other	0
Erysipelas	0
	Total 69
1958	Total 22

TABLE VI

Number of new cases of Tuberculosis notified during  
the year ended 31st December, 1959.

TABLE VII

Deaths from Tuberculosis registered during  
the year ended 31st December, 1959.

Nil.

TABLE VIII

## DEATHS REGISTERED DURING THE CALENDAR YEAR 1959 AND CAUSES.

	Male	Female	Total
All causes (Certified 75) (Uncertified 0)	24 0	51 0	75 0
Tuberculosis, respiratory	0	0	0
Tuberculosis, other	0	0	0
Syphilitic Disease	0	0	0
Diphtheria	0	0	0
Whooping Cough	0	0	0
Meningococcal Infections	0	0	0
Acute Poliomyelitis	0	0	0
Measles	0	0	0
Other Infective and parasitic diseases	0	0	0
Malignant neoplasm, stomach	0	0	0
Malignant neoplasm, lungs bronchus	2	0	2
Malignant neoplasm, breast	0	1	1
Malignant neoplasm, uterus	0	1	1
Other Malignant and lymphatic neoplasms	2	5	7
Leukaemia, aleukaemia	0	0	0
Diabetes	0	0	0
Vascular lesions of nervous system	0	13	13
Coronary disease, angina	9	3	12
Hypertension with heart disease	0	0	0
Other heart disease	1	14	15
Other circulatory disease	3	2	5
Influenza	0	0	0
Pneumonia	0	4	4
Bronchitis	2	0	2
Other diseases of respiratory system	0	0	0
Ulcer of stomach and duodenum	0	0	0
Gastritis, enteritis and diarrhoea	0	1	1
Nephritis and nephrosis	0	0	0
Hyper-plasia of prostate	0	0	0
Pregnancy, childbirth, abortion	0	0	0
Congenital malformations	0	0	0
Other defined and ill-defined diseases	4	2	6
Motor vehicle accidents	0	3	3
All other accidents	1	2	3
Suicide	0	0	0
Homicide and operation of war	0	0	0
Total	24	51	75

1958	Total	21	48	69
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The majority of deaths are those associated with old age, that is the failing of the cardio vascular system, and with cancer in its various forms.

The number of deaths gives a death rate which is rather higher than the average for the country as a whole. This must not be regarded as of any particular significance as the total numbers being small, the average is easily upset by any chance increase or decrease in deaths occurring in any one month as say in January or December, which would influence the rate for one or other calendar year.

National Health Act Services and Service provided by the Cheshire County Council.

A. Service provided in accordance with the requirements of the National Health Service Act, 1946.

1. Hospital Services.

Controlling Body - Manchester Regional Hospital Board.

Local Hospitals - Administered by North West and Mid-Cheshire Hospital Management Committee.

Secretary - Mr. E. Foden, Administrative Offices, Altrincham Maternity Home, Sinderland Road, Altrincham.

2. Hospitals serving this area.

General Acute Cases - Altrincham General Hospital.

Denzell Hospital (Convalescent).

General Chronic Cases - Cranford Lodge, Knutsford.  
(Withington Hospital Manchester).

Maternity Hospitals - Altrincham Maternity Hospital, Sinderland Road, Altrincham.  
Southfield, Langham Road, Bowdon.

Ear, Nose and Throat - St. Anne's Home, Woodville Road, Altrincham.

A large number of cases from Bowdon are also treated in Manchester Hospitals.

3. General Practitioner and General Dental Services.

Controlling Body - National Health Services Executive Council for Cheshire.

Clerk - Mr. F. Hayter, 28, Nicholas Street, Chester.

4. Service of Local Health Authority - Cheshire County Council.

1. Ambulance Service

2. Immunisation and Vaccination - Bowdon Vale Clinic, Vicarage Lane. 2nd & 4th Thursday in the Month. 2.0 - 4.0 p.m.

3. Care and after care

4. Home help Service

5. Maternity and Child Welfare - Bowdon Vale Clinic 2nd & 4th Thursday in the Month. 2-4 p.m.

6. Domiciliary Midwifery and District Nursing

7. Dental Service - Expectant and Nursing Mothers and Pre School Children, Lister House Clinic, Hale.

8. Mental Health Service - Mental Welfare Officer - Mr. W.A. Driver, 1, Claremont Road, Sale. Sale 2305.

The Altrincham Divisional Health Committee Area covers Hale U.D.C., Bowdon U.D.C., Altrincham M.B., Knutsford U.D.C. and Bucklow R.D.C. and includes Members of these Authorities, Members of the County Council and co-opted Members.

Divisional Medical Officer and District M.O.H. for the district - Dr. D. Longbottom, Mountlands, The Mount, Altrincham, Cheshire.

B. Other Services by other Committees of Cheshire County Council.

1. Education Committee - School Health Services, including School dental service.

2. Welfare Committee - Old persons care and attention, homeless, handicapped persons, provision for residential accommodation.

County Welfare

Officer - Mr. Evans, County Hall, Chester.

3. Children's Committee - Provides for the care of deprived children i.e. children not under parental care.

Children's Officer - Mr. J. Blades, 53-55, George Street,  
for this area Altrincham. Alt. 4301.

D. LONGBOTTOM, M.B., Ch.B., D.P.H.

Medical Officer of Health.

Bowdon Urban District.

ANNUAL REPORT  
of the  
PUBLIC HEALTH INSPECTOR  
for the year 1959.

To the Chairman and Members of the  
Bowdon Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have honour to submit to you my Annual Report for the year 1959.

Water Supplies.

The supply during the year has been Haweswater alone or Thirlmere/Haweswater mixed.

January to December 1959.

Typical Analyses.

<u>Date.</u>	<u>1-4-59.</u>	<u>24-9-59.</u>
<u>Lab. No.</u>	<u>6115</u>	<u>6455</u>
pH value	...	7.0
Colour as ppm. platinum	...	8
Turbidity ppm. Silica Scale	...	1.2
		7.0
		10
		0.4

Parts per million.

Total solids dried @ 180°C.	...	44	45
Free acidity as CO <sub>2</sub>	...	3	1
Alkalinity as CaCO <sub>3</sub>	...	16	14
Total Hardness as CaCO <sub>3</sub>	...	20	21
Chlorides as Cl <sub>2</sub>	...	6	6

		<u>Parts per million.</u>
Oxygen absorbed test, 4 hours @ 27°C.	...	0.70
Silica as SiO <sub>2</sub>	...	4
Iron as Fe	...	0.10
Manganese as Mn.	...	0.03
		0.49 2 0.04 nil

### Bacteriological Results.

One hundred and sixty two (162) samples were examined during the year with the following results:-

Samples free from coliform bacteria	...	136
Samples with coliform bacteria	...	26
		<u>162</u>

The samples with coliform bacteria present were as follows:-

Date. 1959.	Coliform bacteria found per 100 mls. of water. Faecal Non-faecal Total			Number of samples taken on the same dates, but which were coli-free.
April 8	0	1	1	3
April 15	0	1	1	3
May 13	0	1	1	1
	1	1	2	
	1	1	2	
June 17	0	1	1	3
July 8	1	1	2	4
July 15	0	3	3	3
July 22	0	1	1	3
	0	1	1	
July 29	0	1	1	1
Aug. 26	0	5	5	3
Sept. 2	1	8	9	2
Sept. 9	0	1	1	2
Sept. 23	0	3	3	1
Oct. 7	0	1	1	1
Oct. 21	0	1	1	1
	0	1	1	
Oct. 28	1	1	2	2
Nov. 4	0	1	1	2
Nov. 18	0	3	3	2

Nov. 25	1	0	1		2
Dec. 2	0	1	1		2
Dec. 22	0	1	1)		
	0	3	3)		0

The coliform bacteria found were derived from "aftergrowths" in deposits in mains. It will be noted that 41 samples free from coli were taken on the same dates as the 26 with coli.

Only 6 samples contained faecal coli and each of these contained only 1 per 100 mls. of water. Samples free from faecal coli therefore amounted to 96.3 % of the total.

Of the 26 samples with coli present, 16 contained only 1 coli per 100 mls., and the remaining 10 samples contained 2 to 9.

The water has been of excellent chemical quality and the bacteriological quality has been very satisfactory throughout the year.

#### SEWERAGE & SEWAGE DISPOSAL

The whole of the sewerage system throughout the district has been satisfactorily maintained during the year and, where necessary, repairs have been carried out.

The Council's Consulting Engineers have now completed their investigations into the condition of the sewerage system and sewage disposal works and an enquiry by an Inspector of the Ministry of Housing & Local Government into the Council's proposals to construct a new sewage disposal works on the south bank of the river Bollin and to relay several lengths of sewer in the district has already been held. The result of this enquiry is still awaited.

The condition of the settlement tanks of the existing sewage disposal works has again deteriorated during the year, which is most noticeable following heavy periods of rainfall. It is essential that consent to proceed with the construction of the new disposal works should be received, and the necessary work put in hand, as quickly as possible.

#### PUBLIC CLEANSING

##### Refuse Collection

A weekly collection of refuse is carried out throughout the whole of the district and in certain cases two collections a week are made.

The Council employ one Dennis side loading refuse collecting vehicle and five workmen to carry out this work. In addition waste paper and salvage is collected.

The condition of the Dennis refuse collecting vehicle is gradually deteriorating and consideration will soon have to be given for the replacement of this.

Controlled tipping is carried out on land adjoining the sewage disposal works. Every effort is made to seal off the tip with soil or inert refuse as soon as possible and the tip is regularly treated with insecticides to prevent the breeding of insects.

The Council employ one workman on the refuse tip.

#### Street Cleansing

Street cleansing both of County and District roads is carried out by the Council. Two workmen are engaged full time on this work and additional labour is sometimes available after the completion of the weekly refuse collection.

### HOUSING

Under the Housing Acts, the Council has a duty to consider the general housing conditions in the district and to ascertain whether any houses are unfit for human habitation. The Council has powers to deal with unfit houses, powers to provide new houses for all classes and various powers and duties in the management of Council housing estates.

The district is purely residential containing in the main houses of exceptionally good structural condition. There are therefore no unfit houses in the district nor has it been necessary to take action in respect of properties under the Housing Acts.

#### Housing Management

The Council now own 187 occupied houses all of which are situated in Bowdon Vale. The Housing Management is largely in the hands of the Public Health Inspector and every effort is made to inspect the houses at regular intervals in ensure that the property is kept in good condition.

Two painters are employed to carry out the routine exterior painting of the houses. All other repair work is carried out by local contractors.

During the year the improvements and repairs to nineteen sub standard cottages were completed and all the houses are now occupied. The scheme was prepared and supervised by your Surveyor and Public Health Inspector.

Approval was given during the year for the erection of 89 new houses in the district, 45 houses were completed during the year.

#### Improvement & Standard Grants.

There has been little response from owners of sub standard houses for grants towards the cost providing the five standard amenities under the House Purchase & Housing Act 1959 and there still remains throughout the district a large number of houses without baths, wash hand basins, internal water closets and to a lesser extent hot water supply and satisfactory food storage facilities.

Every effort should be made to bring to the notice of the owners of houses covered by this Act, and in particular owners of tenanted houses, the details and benefits of the Standard Grant scheme with a view to obtaining a high standard of housing accommodation in the district.

#### FOOD AND DRUGS

The Council bear most of the statutory responsibilities for safeguarding the public from foodborne diseases, the main aim being directed towards securing proper and hygienic conditions for the manufacture, preparation and sale of food.

All premises connected with these businesses have been inspected during the year and where necessary informal action has been taken to secure compliance with the Food and Drugs Act and the Food Hygiene Regulations. In no case was formal action necessary.

A summary of the various food premises in the district is as follows:-

Grocers and General Provisions	12
Green Grocers	3
Bakehouses	1
Confectioners Shops	2
Butchers	2
Licensed Premises	3
Fish Friers	1
Registered Ice Cream Premises	4

Canteens	6
Dairies	1

The Cheshire County Council are responsible for taking food and drugs samples in this district and I am indebted to the Chief Inspector of Weights and Measures for supplying the following list of samples taken:-

<u>SAMPLES TAKEN</u>	<u>NUMBER</u>	<u>NUMBER OF NON-STANDARD SAMPLES.</u>
Baking Powder.....	1	-
Cheese - Demi Camembert....	1	-
Ice Cream (Dairy).....	1	-
Jelly (Redcurrant).....	1	-
Lemon Cheese.....	1	-
Milk (Fresh).....	8	-
Soda (Bicarb. of ).....	1	-
Whisky.....	1	-
	<u>15</u>	<u>-</u>

#### PARTICULARS OF ADULTERATED/NON-STANDARD SAMPLES:-

N I L

#### Designated Milks

The Council is responsible for granting Dealers' and Supplementary licences for the sale of designated milks.

2 Dealers and 12 Supplementary licences were granted during the year.

#### GENERAL PUBLIC HEALTH INSPECTION

#### Offensive Trades

There are no offensive trades in the district.

#### Factories

There are two factories in the district. No action has been necessary under the Factories Act, 1937 during the year.

### Shops Acts

No action has been necessary during the year in respect of the provisions of the Shops Act, 1950 regarding sanitary and other arrangements in shops.

### Atmospheric Pollution

As the Urban District is purely residential the possible source of nuisance from factory chimneys within their district does not arise.

Serious pollution of the air however emanates from domestic premises both inside and outside the district and the Clean Air Act, 1956 placed into the hands of Local Authorities power to establish Smoke Control Areas within their district in order to reduce atmospheric pollution.

Suitable areas for establishing Smoke Control Areas are the two new housing estates to the east and west of Bow Green Road, Bowdon.

In addition the Council could establish Smoke Control Areas involving properties owned by them, many of which already have installed approved appliances, making it a condition of tenancy that only smokeless fuel shall be burnt.

Following the introduction of the Clean Air Act, 1956, the Council amended their Building Byelaws so as to include control over the installation of appliances for the burning of fuel in all new dwellings. Rigid control is kept during the construction of new houses to ensure that only approved appliances are installed.

The Council are members of the Manchester and District Smoke Abatement Committee and they are represented at this Committee and also at the Standing Conference of Local Authorities regarding Atmospheric Pollution.

A deposit gauge recording the amount of Sulphur Dioxide in the atmosphere is installed in the Council's Yard and periodic readings are taken from this gauge.

### Petroleum Licences

Your Public Health Inspector also acts as Petroleum Officer and during the year six licences to keep Petroleum or Petroleum Spirits were issued.

### Rodent Control

The Council employ a part time Rodent Operator who carried out the destruction of rodents where necessary.

Sewer tests are taken periodically but few taken are recorded.

The Council's refuse tip and sewage farm are treated weekly and the Council's Yard monthly. No serious infestation has been reported.

Inspections and Treatment of Properties.

	(1) Local Authority	(2) Dwelling Houses	(3) All other Premises	Total	Agricul- tural
No. of Properties in Local Authority District.	5	1281	190	1476	7
Nos. inspected as a result of notification.	-	15	1	16	-
otherwise e.g. when visited primarily for some other purpose.	5	-	-	-	-
Treatments. Minor infestations for					
Rats.	Nil	23	1	24	
Mice.	Nil	Nil		Nil	
Number of Premises treated.	2 treated weekly. 1 treated monthly.	23	1	24	

I am Lady & Gentlemen,

Your Obedient Servant,

G. ROTHWELL.

Public Health Inspector.

